

# CG APPLICATIONS

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**Market involved : Ceramic&Glass, Packaging, Food&Beverage, Plastic&Rubber, Textile, Water Distrib./Treatm.**

**Product : CPTDINAV53HR2AX**

**Customer : OEMs**

**Subject : Machine on-board control**

## CUSTOMER ISSUE :

The control gear of a machine produced by an OEM is generally not provided with a transducer.

It is useful to measure, control and retransmit all the electrical variables in order to prevent any machine stop.

## OUR SOLUTION:

CPT-DIN A can take responsibility of this task. It is equipped with a dual digital output which can notify two different groups of anomalies.

For instance, one output can be related to the supply parameters (as low power supply voltage, phase loss, phase sequence, voltage supply asymmetry, all linked together by an OR logic) and another one related to the load control (as high single phase currents, low single phase power factors, high demanded power, all linked by an AND logic) allowing the simultaneous PLC-like control of 11 variables (max. 16).

## ACHIEVED BENEFITS:

- This solution allows money saving, requires a simpler PLC and grants the safety of the system even in case of PLC failure.
- The very compact housing and the universal power supply make CPT suitable to every kind of application, in different machine gears.
- The hour counter meter allows planning the proper machine maintenance while the thermal current measurement is a useful parameter to check the current protections.
- It can be easily interfaced to HMI.

